PLUMBING

AFF	ABOVE FINISHED FLOOR
CA	COMPRESSED AIR
CFH	CUBIC FOOT PER HOUR
CFM	CUBIC FOOT PER MINUTE
CO	CLEAN OUT
CW	,
DCBP DIA	DOUBLE CHECK (ASSEMBLY) BACKFLOW PREVENTOR DIAMETER
DWH	DOMESTIC WATER HEATER
DR	DRAIN
DWH	DOMESTIC WATER HEATER
ET	EXPANSION TANK
EW	EYE WASHER
EWC	ELECTRIC WATER COOLER
EW/S FCO	EYE WASHER/SAFETY SHOWER (COMBINATION) FLOOR CLEAN OUT
FD	FLOOR DRAIN
FFE	FINISHED FLOOR ELEVATION
GAS	(NATURAL) GAS
GWH	GAS WATER HEATER
GPH	GALLONS PER HOUR
GPM GCO	GALLONS PER MINUTE GROUND CLEAN OUT
НВ	HOSE BIBB
HP	HORSEPOWER
HW	HOT WATER (SUPPLY)
HWR	HOT WATER RECIRCULATION
IDW IE	INDIRECT WASTE INVERT ELEVATION
LAV	LAVATORY
LPG	LIQUEFIED PETROLEUM GAS (PROPANE)
мвн	1000 BTU PER HOUR
MIN	MINIMUM
MR NO	MOP RECEPTOR
NC NO	NORMALLY CLOSED NORMALLY OPEN
NTS	NOT TO SCALE
P	PUMP
PD	PUMP DISCHARGE
PS	PRESSURE SWITCH
PSIG	POUNDS PER SQUARE INCH, GAGE
RD	ROOF DRAIN
RWC	RAIN WATER CONDUCTOR
RZBP S	REDUCED (PRESSURE) ZONE BACKFLOW PREVENTOR SANITARY (DRAIN/SEWER)
SF	SANITARY (DRAIN/SEWER) SQUARE FOOT
SH	SHOWER
SSH	SAFETY SHOWER
STK STM	STACK STORM (DRAIN/SEWER)
гемР	TEMPERATURE
J	URINAL
/	(SANITARY) VENT
/TR	VENT THROUGH ROOF
N	WASTE (DRAW)
WC	WATER CLOSET
NCO	WALL LINDRANT
WH	WALL HYDRANT

WATER HAMMER ARRESTOR

SYMBOL

_____LPG _____

_____ SRWC _____

- - -

 \longrightarrow

DESCRIPTION

SOIL OR WASTE (ABOVE FLOOR OR GRADE) - NEW

SOIL OR WASTE (BELOW FLOOR OR GRADE) - NEW

HOT WATER (110°F UNLESS NOTED OTHERWISE)

HOT WATER RETURN (CIRCULATION)

LIQUIFIED PETROLEUM GAS (PROPANE)

(DASHED LINE INDICATES BELOW FLOOR)

(DASHED LINE INDICATES BELOW FLOOR)

TEE CONNECTION - STRAIGHT, DOWN, AND UP

SECONDARY RAIN WATER CONDUCTOR

VENT

COLD WATER

COMPRESSED AIR

INDIRECT WASTE

RAIN WATER CONDUCTOR

CLEAN OUT (INDICATE TYPE)

BLIND FLANGE OR END CAP

PIPE UP AND DOWN

UNION OR FLANGED CONNECTION

L	
SYMBOL	DESCRIPTION
1%	ANGLE OF SLOPE PUMP
	STRAINER
	THERMOMETER
<u></u>	WATER HAMMER ARRESTOR
$-\!$	SHUTOFF VALVE - PLAN AND IN RISER
 ∑ 	BALANCING DEVICE
	GAS COCK
<u> </u>	CHECK VALVE
────	PRESSURE REDUCER
	THREE WAY MIXING VALVE
	SOLENOID VALVE
}	RELIEF OR SAFETY VALVE
	WALL HYDRANT W/LOCKED BOX
	HOSE BIB
AP	ACCESS PANEL
-MCBP)	BACK FLOW PREVENTER (INDICATE TYPE)
	PRESSURE GAUGE
	FLOOR DRAIN
(O) <u>RD-</u>	ROOF DRAIN
	AREA OF REVISION
X	REVISION SEQUENCE NUMBER
X	KEYED NOTE

GENERAL NOTES

- 1. THE FOLLOWING NOTES ARE GENERAL IN NATURE AND PERTAIN TO THE ENTIRE PROJECT UNLESS OTHERWISE NOTED ON THE DRAWINGS WHERE THEY OCCUR.
- 2. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL PERTINENT CODES AND REGULATIONS.
- 3. PRIOR TO BID, THE PLUMBING CONTRACTOR SHALL EXAMINE ALL PROJECT DRAWINGS TO DEVELOP A COMPLETE UNDERSTANDING OF THE PROJECT SCOPE. FAILURE TO REVIEW ALL CONTRACT DRAWINGS WILL NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITIES TO PERFORM ALL WORK REQUIRED. THE CONTRACTOR SHALL, UPON REVIEW OF THE DRAWINGS, ADVISE THE ENGINEER OF ANY DISCREPANCIES WHICH WILL AFFECT THE WORK REQUIRED.
- 4. THE PLUMBING CONTRACTOR SHALL COORDINATE WITH OTHER TRADES TO ELIMINATE ANY CONFLICTS BETWEEN PIPING, DUCTWORK, AND ELECTRICAL
- 5. DRAWINGS ARE DIAGRAMMATIC; THEREFORE, THE CONTRACTOR SHALL MAKE ADJUSTMENTS AS REQUIRED FOR A COMPLETE INSTALLATION. PLUMBING CONTRACTOR SHALL CLOSELY EXAMINE ALL PROJECT DRAWINGS TO UNDERSTAND WORK REQUIRED AND TO AVOID INTERFERENCE WITH EXISTING AND NEW WORK SUCH AS DUCTS, PIPING, LIGHTING FIXTURES, STRUCTURAL BEAMS, ETC..
- 6. THE PLUMBING CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS AND FEES AND ARRANGE FOR INSPECTIONS BY LOCAL AUTHORITIES.
- 7. PROTECT ALL EQUIPMENT AND FIXTURES STORED OR SET IN PLACE ON THE JOB.
- 8. THE PLUMBING CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR DIMENSIONS, ROOM FINISHES, AND COORDINATION WITH ARCHITECTURAL PLANS BEFORE COMMENCING WORK.
- 9. ALL PIPING TO BE CONCEALED UNLESS OTHERWISE NOTED.
- 10. ALL VENT LINES SHALL BE INSTALLED VERTICAL OR SLOPED UP TO VTR.
- 11. EACH PLUMBING FIXTURE SHALL BE PROVIDED WITH AN ACCESSIBLE KEYLESS STOP ON SUPPLIES.
- 12. EACH RISER SHALL BE VALVED IN AN ACCESSIBLE LOCATION.
- 13. ALL VALVES SHALL BE 1/4 TURN BALL VALVES.
- 14. WORK INDICATED AS HAVING MINOR DETAILS OBVIOUSLY OMITTED FOR CLARITY SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- 15. PAINTING OF EXISTING EXPOSED PIPING SHALL BE BY THE GENERAL CONTRACTOR. COLOR AS DIRECTED BY THE ARCHITECT. PAINTING OF NEW EXPOSED PIPING SHALL BE BY THIS CONTRACTOR.
- 16. DRAINAGE, SEWAGE OR PLUMBING WORK SHALL NOT BE COVERED OR CONCEALED IN ANY MANNER UNTIL AFTER IT IS INSPECTED AND APPROVED BY THE PLUMBING
- 17. THE APPROPRIATE SECTIONS OF THE FOLLOWING CODES APPLY TO THE WORK OF a. THE INTERNATIONAL PLUMBING CODE: 2003 EDITION WITH UVSB 2003 ADDENDUMS.
- 18. ALL EXPOSED FASTENERS SHALL BE TAMPER RESISTANT TORX OR
- HOLLOW KEY TYPE. ONE-WAY SCREWS ARE NOT ACCEPTABLE.
- 19. ALL THREAD ROD USED FOR HANGER AND SUPPORT INSTALLATION SHALL NOT BE BENT OUTSIDE +/- 2%.
- 20. ALL PROPER CLEARENCE SHALL BE MAINTAINED FROM ALL HVAC EQUIPMENT IN COMPLIANCE WITH CODES.
- 21. ALL HANGERS SUPPORTS MUST BE FROM TOP OF STRUCTURE.
- 22. PROVIDE FIRE PROOFING AT ALL PIPING AND HANGER PENETRATIONS OF THE FIRE RATED ASSEMBLY AT THE UNDERSIDE OF THE ROOF TRUSSES.

	DRAWING LIST									
Project No. 062	30		Г							
	RCEVILLE FIRE AND RESCUE		1							
		ISSUE	DESIGN DEVELOPMENT	90% SUBMITTAL	14	OUT TO BID	OUT TO	OUT TO BID - RESUBMISSION		
SHEET NUMBER	DRAWING TITLE	DATE	5-FEB-07	30-JUL-07	-AUG	'-SEPT-07	26-SEPT-07			
P-000	SYMBOLS, LEGENDS AND ABBREVIATIONS	!		17	X	X	X	\dashv	+	╁
000 001	SITE PLAN — PLUMBING				 	^	x	\dashv		\vdash
P-100 FOUNDATION PLAN - AREA A - PLUMBING				 	^	X	\dashv		+	
P-101 FOUNDATION PLAN - AREA B - PLUMBING				$\frac{1}{X}$	X	X	\vdash		+	
P-102 FLOOR PLAN - AREA A - PLUMBING				X	X	Х	\Box		T	
P-103 FLOOR PLAN - AREA B - PLUMBING				X	X	X	\dashv		T	
P-104 ROOF PLAN - AREA B - PLUMBING				X	X	X			\top	
P-105 ROOF PLAN - AREA B - PLUMBING				X	X	Х			T	
2-500 RISER DIAGRAMS - PLUMBING X X X		X			Т					
2-501 RISER DIAGRAMS - PLUMBING X X		Γ								
P-700 SCHEDULES - PLUMBING X X X X										
P-800	DETAILS - PLUMBING				X	X	X			



ALPHA CORPORATION 21351 Ridgetop Circle, Suite 200 Sterling, VA 20166 (703) 450-0800

STRUCTURAL: EHLERT-BRYAN 1451 Dolley Madison Blvd. Suite 220 Mclean, VA 22101 (703) 827-9552

MECHANICAL/ELECTRICAL: BRINJAC ENGINEERING 4000 Albermarle Street, NW Washington, DC 20016 (202) 237-2750

	5. P	
KEY PLAN		

REVISIONS:

ISSUES: 9-26-07	BID SET	
STAMP AN	ID SEAL:	

SCALE:

PROJECT NO. 0611 SHEET: P-000

CONTRACTOR SHALL CHECK & VERIFY ALL DIMENSIONS & EXISTING CONDITIONS AT SITE.

BID SET